Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082321\
Data File : BG049936.D
Acq On : 23 Aug 2021 16:49
Operator : CG/JU
Sample : M3463-05MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 23 17:45:30 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 23 16:13:24 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SWCS-20-0003MSD

Manual Integrations APPROVED
mohammad
8/24/2021 11:19:04 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.978	152	28846	20.000	ng		0.00
21) Naphthalene-d8	10.804	136	121369	20.000	ng	#	0.00
39) Acenaphthene-d10	14.640	164	83039	20.000	ng		0.00
64) Phenanthrene-d10	17.395	188	172979	20.000	ng	#	0.00
76) Chrysene-d12	21.672	240	144290	20.000	ng	#	0.00
86) Perylene-d12	24.908	264	143366	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.540	112	179826	111.751	ng		0.00
7) Phenol-d6	7.156	99	249423	102.396	ng		0.00
23) Nitrobenzene-d5	9.153	82	213123	77.705	ng		0.00
42) 2,4,6-Tribromophenol	16.138	330	108080	88.549	ng		0.00
45) 2-Fluorobiphenyl	13.254	172	327250	57.343	ng		0.00
79) Terphenyl-d14	20.003	244	384100	48.347	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.367	88	22983	32.684	ng		90
3) Pyridine	3.784	79	54421	28.233	ng		88
4) n-Nitrosodimethylamine	3.702	42	42204	40.719	ng	#	74
6) Aniline	7.303	93	97842	37.900	ng	#	92
8) 2-Chlorophenol	7.550	128	88883	50.662	ng		97
9) Benzaldehyde	7.115	77	60227	37.055	ng	#	86
10) Phenol	7.185	94	113849	48.237	ng		91
11) bis(2-Chloroethyl)ether	7.391	93	73731	46.267	ng		92
12) 1,3-Dichlorobenzene	7.867	146	91064	45.321	ng		96
13) 1,4-Dichlorobenzene	8.014	146	94382	46.405	ng		98
14) 1,2-Dichlorobenzene	8.337	146	87804	45.570	ng		97
15) Benzyl Alcohol	8.225	79	97203	47.516	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.507	45	80746	44.593	ng		99
17) 2-Methylphenol	8.442	107	78097	50.248	ng		95
18) Hexachloroethane	9.065	117	36657	46.884	ng		96
19) n-Nitroso-di-n-propyla...	8.789	70	66830	40.999	ng		91
20) 3+4-Methylphenols	8.771	107	109930	50.362	ng		98
22) Acetophenone	8.813	105	137952	41.837	ng	#	94
24) Nitrobenzene	9.194	77	113390	39.179	ng		93
25) Isophorone	9.717	82	186410	38.088	ng		98
26) 2-Nitrophenol	9.911	139	48740	44.129	ng		98
27) 2,4-Dimethylphenol	9.976	122	84468	51.743	ng		98
28) bis(2-Chloroethoxy)met...	10.199	93	101500	47.409	ng		94
29) 2,4-Dichlorophenol	10.457	162	91498	45.675	ng		94
30) 1,2,4-Trichlorobenzene	10.663	180	95465	43.281	ng		98
31) Naphthalene	10.851	128	270342	42.531	ng		99
32) Benzoic acid	10.152	122	46849	41.399	ng		82
33) 4-Chloroaniline	10.963	127	61687	24.582	ng		98
34) Hexachlorobutadiene	11.127	225	67182	41.913	ng		95
35) Caprolactam	11.756	113	28809m	46.545	ng		
36) 4-Chloro-3-methylphenol	12.108	107	105241	45.481	ng		95
37) 2-Methylnaphthalene	12.461	142	203685	42.538	ng		98
38) 1-Methylnaphthalene	12.684	142	188068	41.791	ng		92
40) 1,2,4,5-Tetrachloroben...	12.836	216	114668	46.866	ng		99
41) Hexachlorocyclopentadiene	12.807	237	92391	70.586	ng		94
43) 2,4,6-Trichlorophenol	13.077	196	77350	46.893	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.160	196	82074	45.864	ng		92
46) 1,1'-Biphenyl	13.471	154	256060	43.295	ng		98
47) 2-Chloronaphthalene	13.518	162	209108	44.267	ng		97
48) 2-Nitroaniline	13.724	65	74911	43.188	ng		91
49) Acenaphthylene	14.364	152	326329	43.586	ng		97
50) Dimethylphthalate	14.094	163	277081	44.226	ng		99
51) 2,6-Dinitrotoluene	14.217	165	57360	41.582	ng		95
52) Acenaphthene	14.705	154	189854	42.095	ng		95
53) 3-Nitroaniline	14.552	138	45046	33.486	ng		96
54) 2,4-Dinitrophenol	14.769	184	75847	96.852	ng		96
55) Dibenzofuran	15.039	168	307556	42.035	ng		97
56) 4-Nitrophenol	14.887	139	86525	88.042	ng		93
57) 2,4-Dinitrotoluene	15.016	165	84100	43.408	ng	#	91
58) Fluorene	15.691	166	254168	42.739	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.274	232	71956	43.294	ng	#	99
60) Diethylphthalate	15.451	149	270737	42.966	ng		97
61) 4-Chlorophenyl-phenyle...	15.680	204	139117	43.829	ng		98
62) 4-Nitroaniline	15.721	138	59115	42.721	ng		94
63) Azobenzene	15.973	77	258113	38.701	ng		89
65) 4,6-Dinitro-2-methylph...	15.785	198	46343	41.680	ng		93
66) n-Nitrosodiphenylamine	15.897	169	220385	45.090	ng		95
67) 4-Bromophenyl-phenylether	16.573	248	92723	45.514	ng		98
68) Hexachlorobenzene	16.702	284	101017	44.631	ng		96
69) Atrazine	16.849	200	94642	48.407	ng		97
70) Pentachlorophenol	17.054	266	91890	75.713	ng		94
71) Phenanthrene	17.436	178	397798	43.711	ng		96
72) Anthracene	17.530	178	401357	44.906	ng		98
73) Carbazole	17.800	167	363819	42.979	ng		100
74) Di-n-butylphthalate	18.347	149	428410	43.415	ng		98
75) Fluoranthene	19.451	202	452996	40.450	ng		98
77) Benzidine	19.627	184	152524	41.256	ng		99
78) Pyrene	19.815	202	441763	44.909	ng		98
80) Butylbenzylphthalate	20.685	149	168222	44.903	ng		98
81) Benzo(a)anthracene	21.654	228	397576	42.310	ng		98
82) 3,3'-Dichlorobenzidine	21.560	252	110401	40.239	ng		100
83) Chrysene	21.719	228	383478	42.692	ng		98
84) Bis(2-ethylhexyl)phtha...	21.542	149	226695	42.748	ng		96
85) Di-n-octyl phthalate	22.752	149	375535	41.919	ng		100
87) Indeno(1,2,3-cd)pyrene	28.633	276	471762	45.628	ng		97
88) Benzo(b)fluoranthene	23.880	252	416319	44.277	ng		94
89) Benzo(k)fluoranthene	23.945	252	382284	43.587	ng		99
90) Benzo(a)pyrene	24.756	252	392445	46.119	ng	#	96
91) Dibenzo(a,h)anthracene	28.680	278	406966	46.710	ng		99
92) Benzo(g,h,i)perylene	29.796	276	394769	46.249	ng		100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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